

AdriaMORE project has been approved in the framework of the 1st Call for proposal "Standard+" projects of the Interreg Italy-Croatia CBC Programme and brings together 4 partners from Croatia and Italy.

PROJECT IDENTIFICATION

Acronym: AdriaMORE
Title: Adriatic DSS exploitation for MONitoring and Risk management of coastal Extreme weather and flooding
Priority Axis 2, Specific Objective 2.2
Funding line:
Lead Partner: Abruzzo Region
Starting date: January 2018
Duration: 18 months
Total budget: 1.150.000,00 €
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FUNDING

AdriaMORE is a project co-funded by the European Union through Interreg Italy-Croatia CBC Programme. More info at <http://www.italy-croatia.eu>

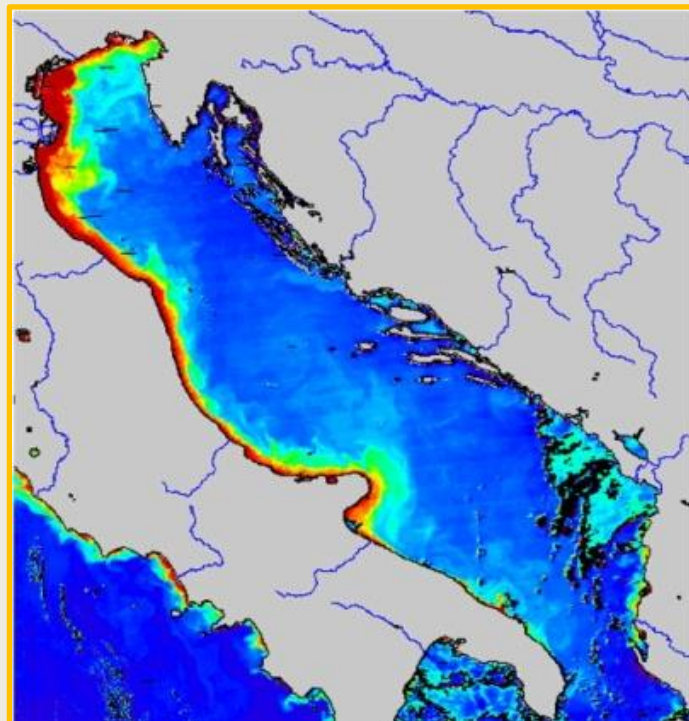


PARTNERS

- LP Abruzzo Region (Italy)
- P1 Dubrovnik and Neretva Region (Croatia)
- P2 Meteorological and hydrological service (Croatia)
- P3 National Research Council (Italy)

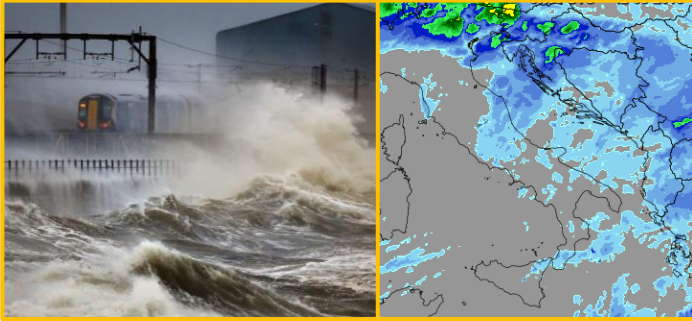


Hazard mitigation and management in Adriatic maritime and coastal environments: the AdriaMORE project



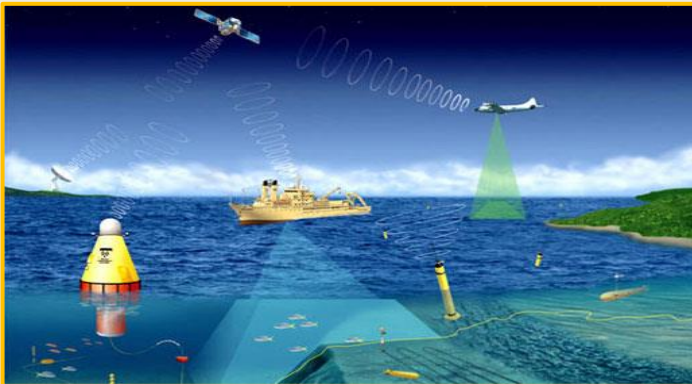
MOTIVATION

Hydro-meteorological and other marine hazards triggered by meteorological events, affecting the Adriatic areas represent a dramatic threat which needs to be faced by enhancing monitoring and forecasting systems. In this respect, **AdriaMORE project** proposes increasing of the management capacity of the response to marine and coastal hazards in the Adriatic basin.



MAIN GOAL

AdriaMORE goal is to improve an existing integrated hydro-meteorological risk management platform focusing on the Adriatic coastal areas of Italy and Croatia capitalizing the major achievements of **ADRIARadNet** and **CapRadNet** projects. The latter, successfully completed under the IPA Adriatic CBC Programme, were devoted to create a cross-border infrastructure of observing and forecasting systems for building real-time risk scenarios for civil protection purpose. To this end, the AdriaMORE project approach is finalized to reach several specific objectives.



SPECIFIC OBJECTIVES

- ✓ Enhancing the **satellite-based monitoring** with data, such as suspended terrigenous material and chlorophyll concentration that may mark desirable/undesirable effects on the coastal environment.
- ✓ Improving the **effectiveness of radar measurements** in coastal area by means of the creation of a rain composite utilizing data provided by Italian and Croatian radar network.
- ✓ **Procurement of a firefighting boat** which will be used mainly for firefighting actions at the sea and coastal area around Dubrovnik.
- ✓ **Installation of a wind profiler** in the Dubrovnik area for nearly continuously updated vertical profiles of wind, very useful in meteorology and aviation.
- ✓ Strengthening the **CHyMAdria hydrological model** for coastal flooding prevention taking into account the barrier effect of the sea in the vicinity of rivers' outlets.
- ✓ Developing of a **meteo-marine modeling chain** coupling high-resolution meteorological and sea-wave models able to ingest local and remote sensing measurements.
- ✓ Setting up of a modelling framework for **Lagrangian simulations** in coastal areas and open sea for the computation of transport and dispersion properties of environmental sensitive tracers.
- ✓ **Testing** the risk management platform by means two pilot actions around the estuary of the Pescara and Neretva rivers.

